<u>IN THE CLAIMS</u>:

Please amend Claims 1, 4, 6-9, 12, and 14-19 as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (Currently Amended) A method of decoding an encoded digital image, the encoded data of the image comprising a plurality of predefined resolutions, comprising the steps of:

selecting a resolution lower than the highest of the predefined resolutions <u>and different from each of the predefined resolutions:</u>[[,]]

determining the predefined resolution immediately above the selected resolution:[[,]]

determining a quantity of data of the determined predefined resolution, as a function of [[the]] <u>a</u> ratio between the selected resolution and the determined predefined resolution:[[,]]

decoding the image at the determined predefined resolution, as a function of the determined quantity of data<u>; and</u>[[,]]

subsampling the decoded image, as a function of the ratio between the selected resolution and the determined predefined resolution.

2. (Original) A decoding method according to claim 1, comprising the prior display of the image at a predefined initial resolution and in that the selection of a resolution is an instruction for change of size of the image with respect to the predefined initial resolution.

3. (Original) A decoding method according to claim 1, the encoded data comprising a plurality of layers within each predefined resolution, wherein the determination of a quantity of data is the determination of a number of layers of the determined predefined resolution.

4. (Currently Amended) A decoding method according to claim 1, wherein the determination of [[a]] the quantity of data of the determined predefined resolution is performed as a function of [[the]] a ratio between the number of pixels of the selected resolution and [[the]] a number of pixels of the determined predefined resolution.

5. (Original) A decoding method according to claim 1, wherein the decoding of the image at the determined predefined resolution is furthermore carried out as a function of the data of the predefined resolutions lower than the selected resolution, if the determined predefined resolution is not the lowest for the image considered.

6. (Currently Amended) A method of decoding encoded data, the encoded data comprising a plurality of predefined resolutions R_n, comprising the steps of:

determining an intermediate resolution between a first predefined resolution Ra and a second predefined resolution R_{a+1}, the intermediate resolution being different from the first predefined resolution Ra and the second predefined resolution R_{a+1};

determining a quantity of encoded data of the second resolution corresponding to the intermediate resolution; [[,]]

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decoding the determined quantity of encoded data;[[,]] and

scaling the decoded image, as a function of [[the]] a ratio between the intermediate resolution and one of the predefined resolutions R_n, wherein said determined quantity of encoded data includes encoded data corresponding to said first predefined resolution R_a, and a part of encoded data included in encoded data corresponding to the second predefined resolution R_{a+1} but not included in the encoded data corresponding to said first predefined resolution R_a.

7. (Currently Amended) A method of decoding encoded data, the encoded data comprising a plurality of predefined resolutions, comprising the steps of:

selecting an intermediate resolution between a first predefined resolution and a second predefined resolution, the second predefined resolution being higher than the first predefined resolution, the intermediate resolution being different from the first predefined resolution and the second predefined resolution;

determining a quantity of encoded data of the second resolution depending on the intermediate resolution;[[,]]

decoding the determined quantity of encoded data;[[,]] and

subsampling the decoded data from the second resolution to the intermediate resolution.

8. (Currently Amended) A decoding method according to claim 7, wherein said determined quantity of encoded data is function of [[the]] a ratio between the intermediate resolution and the second predefined resolution.

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9. (Currently Amended) A device for decoding an encoded digital image, the encoded data of the image comprising a plurality of predefined resolutions, comprising:

means for selecting a resolution lower than the highest of the predefined resolutions and different from each of the predefined resolutions;[[,]]

means for determining the predefined resolution immediately above the selected resolution;[[,]]

means for determining a quantity of data of the determined predefined resolution, as a function of [[the]] a ratio between the selected resolution and the determined predefined resolution;[[,]]

means for decoding the image at the determined predefined resolution, as a function of the determined quantity of data; and[[,]]

means for subsampling the decoded image, as a function of the ratio between the selected resolution and the determined predefined resolution.

10. (Original) A decoding device according to claim 9, comprising means for prior display of the image at a predefined initial resolution and in that the means for selecting a resolution make it possible to enter an instruction for change of size of the image with respect to the predefined initial resolution.

11. (Original) A decoding device according to claim 10, the encoded data comprising a plurality of layers within each predefined resolution, wherein the means for

determining a quantity of data are adapted to determine a number of layers of the determined predefined resolution.

12. (Currently Amended) A decoding device according to claim 9, wherein the means for determining a quantity of data of the determined predefined resolution are adapted to perform the determination as a function of [[the]] a ratio between the number of pixels of the selected resolution and the number of pixels of the determined predefined resolution.

13. (Original) A decoding device according to claim 9, wherein the means for decoding the image at the determined predefined resolution are adapted to perform the decoding furthermore as a function of the data of the predefined resolutions lower than the selected resolution, if the determined predefined resolution is not the lowest for the image considered.

14. (Currently Amended) A device for decoding encoded data, the encoded data comprising a plurality of predefined resolutions R_n, comprising the steps of:

means for determining an intermediate resolution between a first predefined resolution R_a and a second predefined resolution R_{a+1}, the intermediate resolution being different from the first predefined resolution R_a and the second predefined resolution R_{a+1};

means for determining a quantity of encoded data of the second resolution corresponding to the intermediate resolution;[[,]]

means for decoding the determined quantity of encoded data;[[,]] and

means for scaling the decoded image, as a function of [[the]] a ratio between the intermediate resolution and one of the predefined resolutions R_n, wherein [[said]] the determined

quantity of encoded data includes encoded data corresponding to [[said]] the first predefined

resolution R_a, and a part of encoded data included in encoded data corresponding to the second

predefined resolution R_{a+1} but not included in the encoded data corresponding to [[said]] the first

predefined resolution R_a.

15. (Currently Amended) A device for decoding encoded data, the encoded data

comprising a plurality of predefined resolutions, comprising:

means for selecting an intermediate resolution between a first predefined

resolution and a second predefined resolution, the second predefined resolution being higher than

the first predefined resolution, the intermediate resolution being different from the first

predefined resolution and the predefined second resolution;

means for determining a quantity of encoded data of the second resolution

depending on the intermediate resolution;

means for decoding the determined quantity of encoded data; and

means for subsampling the decoded data from the second predefined resolution to

the intermediate resolution.

16. (Currently Amended) A decoding device according to claim 15, wherein said

determined quality of encoded data is function of [[the]] a ratio between the intermediate

resolution and the second predefined resolution.

17. (Currently Amended) A decoding device according to any one of claims 9,

14 [[and]] or 15, characterized in that the wherein said means for selecting, determining,

decoding and subsampling are incorporated in: a microprocessor, a read only memory, comprising a program for processing the data, and a random access memory comprising registers adapted to record variables modified during the execution of said program.

18. (Currently Amended) An apparatus for processing a digital image, ~~characterized in that it comprises~~ comprising means adapted to implement the method according to claim 1.

19. (Currently Amended) An apparatus for processing a digital image, ~~characterized in that it comprises~~ comprising the device according to any one of claims 9, 14 [[and]] or 15.